



Disabled Access Regulations Miscellaneous

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ALARM SYSTEMS

In buildings or portions of buildings required to have automatic sprinklers or fire alarms, the systems must comply with the following: **Section 1114B.2.4.**

Approved visual notification appliances for the hearing impaired shall be installed in accordance with the provisions of NFPA 72G in the following areas:

- Restrooms
- Corridors
- Music practice rooms
- Gymnasiums
- Multipurpose rooms
- Occupational shops
- Occupied rooms where ambient noise impairs hearing of the fire alarm
- Lobbies
- Meeting rooms
- Any other area for common use

Provide a note on the plans stating that the visual and audible alarms will comply with the provisions of NFPA 72G.

FIXED OR BUILT-IN SEATING, TABLES AND COUNTERS

A minimum of 5% but never less than one, of all fixed seating, tables and counters must be made accessible. **Section 1122B.1**

Minimum seating space for wheelchairs at accessible fixed tables or counters is 30 inches by 48 inches. Such floor space shall not overlap knee space by more than 19 inches. **Section 1122B.2 & Figure 11B-13.**

Except for checkout counters and service counters, the minimum knee space for accessible fixed tables and counters is 27 inches high, 30 inches wide, and 19 inches deep. **Section 1122B.3**

The tops of accessible tables and counters shall be 28 to 34 inches high and 36 inches wide. **Section 1122B.4.**

WORK STATION

Specific work stations need only comply with the required aisle width (Sections 1133B.6.1 and 1133B.6.2) and floors and levels (Section 1120B). **Section 1123B.2.**

Entry ways to specific work stations shall be 32 inches (813 mm) in clear width. **Section 1123B.2.**

Accessibility is not required for the following work stations:

- Observation galleries used primarily for security purposes.
- Non occupiable spaces such as elevator pits, elevator penthouses, mechanical rooms, etc., very narrow passageways, or freight (nonpassenger) elevators and frequented only by service personnel for repair services.

FLOORS AND LEVELS

Floors of a given story shall be a common level throughout, or shall be connected by pedestrian ramps, passenger elevators or special access lifts. **Section 1120B.1.**

The surface of floors must be stable, firm and slip-resistant and comply with the edge treatment, carpet height/attachment requirements and grating requirements of Section 1124B. **Section 1120B.2.**

CONTROLS AND OPERATING MECHANISMS

Clear floor space complying with Section 1118B.4 that allows a forward or parallel approach by a person using a wheelchair shall be provided at controls, dispensers, receptacles and other operable equipment. **Section 1117B.6, item 2.**

The highest operable part of all controls, dispensers, receptacles and other operable equipment shall be placed within at least one of the reach ranges specified in Sections 1118B.5 (forward) and 1118B.6. (Side) **Section 1117B.6, item 3.**

Electrical and communication system receptacles on walls shall be mounted no less than 15 inches (381 mm) above the floor. **Section 1117B.6, item 3 and Section 210-7 of the California Electrical Code.**

Controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 pounds (22.2N) of force. **Section 1117B.6, item 4.**

The center of the grip of the operating handle of controls or switches intended to be used by the occupant of the room or area to control lighting and receptacle outlets, appliances or cooling, heating and ventilating equipment, shall be not more than 48 inches above the floor or working platform. **Section 308-8 of the California Electrical Code.**

Flush snap switches, that are mounted in ungrounded metal boxes and located within reach of conducting floors or other conducting surfaces, shall be provided with faceplates of nonconducting, noncombustible material. Metal faceplates shall be of ferrous metal not less than 0.030 inch (0.762 mm) in thickness or of nonferrous metal not less than 0.040 inch (1.016 mm) in thickness. Faceplates of insulating material shall be noncombustible and not less than 0.10 inch (2.54 mm) in thickness, but they shall be permitted to be less than 0.10 inch (2.54 mm) in thickness if formed or reinforced to provide adequate mechanical strength. Faceplates shall be installed so as to completely cover the wall opening and seat against the wall surface. **Section 380-9, California Electrical Code.**

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The center of fire alarm initiating devices (boxes) shall be located 48 inches above the level of the floor, working platform, ground surface or sidewalk. **Section 760-9, California Electrical Code.**

AUTOMATED TELLER AND POINT OF SALE MACHINES

In grocery stores and other retail outlets with point-of-sale machines located at individual checkstands, machines that are located at accessible checkstands must be made accessible. Where machines are located away from individual checkstands, they must all be made accessible. **Sec 1117B7.2**

Drive-up-only automated teller machines are not required to comply with **Sec 1114B.**

Card reading devices located on fuel-pump islands at gasoline service stations and motor vehicle fuel facilities are not required to comply with Sections 1114B through 1126B and all subsections thereunder. However, they must comply with Chapter 11C.

Where one ATM is provided at a location, it shall be located so that clear floor space complying with Section 1118B.4 is provided to allow a person using a wheelchair to take a forward approach, a parallel approach, or both, to the machine. **Sec 1117B7.4.1.**

Where bins are provided for envelopes, wastepaper, or other purposes, at least one of each type provided shall comply with the applicable reach ranges in Item 2, 3 or 4.

Where two ATMs are provided at a location, one shall comply with Section 1117B.7.4.1, except that the highest operable part shall be 48 inches (1219 mm) maximum. The second ATM is not regulated as to height, including height of display. **Sec 1117B7.4.2.**

Where three or more ATMs are provided, two shall be used to satisfy Section 1117B.7.4.2, above. For the additional ATMs beyond the first two, at least 50 percent shall comply with

Section 1117B.7.4.1. The remainder are not regulated as to height, including height of display. If features provided differ from ATM to ATM, all features shall be equally represented among the accessible ATMs. **Sec 1117B7.4.3.**

HAZARDS

WARNING CURBS

Abrupt changes in level 4" or more except between a walk or a sidewalk and adjacent streets or driveways shall be identified by a 6" high curbs above walk surface. **Section 1133B.8.1.**

OVERHANG OBSTRUCTIONS

Minimum of 80" from walking surface to bottom of overhang obstructions. Where a guy support is used parallel to path of travel a guy brace, side walk guy or similar device shall be used to prevent an overhanging obstruction as defined. **Section 1133B.8.2.**

Detectable Warnings shall be provided at the following locations:

—HAZARDOUS VEHICULAR AREAS:

If a walk crosses or adjoins a vehicular way, and the walking surfaces are not separated by curbs, railings or other elements between the pedestrian areas and vehicular areas, the boundary between the areas shall be defined by a continuous detectable warning which is 36 inches (914 mm) wide, complying with **Section 1133B.8.5.**

—CURB RAMPS:

Detectable warnings extending the full width and depth of the curb ramp inside the grooved border shall be provided when the ramp slope is less than 1 unit vertical to 15 unit horizontal. **Section 1127B.5.(8)**

—TRANSIT BOARDING PLATFORMS:

Detectable directional texture complying with Sections 1133B.8.3. & 1024.4 shall be provided.